

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: WORK IMPLEMENT CONTROL SYSTEM AND METHOD the specification of which ☒ is attached and/or ☐ was filed on [Date] as United States Application Serial No. [Text] or PCT International Application No. [Text] and was amended on [Text] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States, listed below and have also identified below, any foreign application(s) for patent or inventor's certificate, or any PCT International application(s) having a filing date before that of the application(s) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119
[Text]	[Text]	[Date]	<input type="checkbox"/> YES <input type="checkbox"/> NO
[Text]	[Text]	[Date]	<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number	Date of Filing
[Text]	[Date]

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national or PCT International filing date of this application:

Application Number	Date of Filing	Status (Patented, Pending, Abandoned)
[Text]	[Text]	[Text]

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., CUSTOMER NUMBER 22,852**, David W. Hill, Reg. No. 28,220; Christopher P. Isaac, Reg. No. 32,616; R. Bruce Bower, Reg. No. 37,099; Anthony M. Gutowski, Reg. No. 38,742; Timothy M. Hsieh, Reg. No. 42,672; Kurt A. Luther, Reg. No. 43,764; Kristen Osenga, Reg. No. 45,811; Erik R. Puknys, Reg. No. 40,132; Leonard Smith, Jr., Reg. No. 45,118; Jay A. Stelacone, Reg. No. 42,168; Jeanne M. Tanner, Reg. No. 45,156; and Douglas S. Weinstein, Reg. No. 43,249, all of Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. and **CATERPILLAR INC.**, J. Wesley Blumenshine, Reg. No. 32,399; Joseph W. Keen, Reg. No. 28,432; Dennis C. Skarvan, Reg. No. 35,360; and Kurt A. Luther, Reg. No. 43,764 all of Caterpillar Inc., 100 N.E. Adams Street, Peoria, IL 61629-6490. Please address all correspondence to **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.** 1300 I Street, N.W., Washington, D.C. 20005, Telephone No. (202) 408-4000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full Name of First Inventor Steven Conrad Budde	Inventor's Signature <i>Steven Conrad Budde</i>	Date 9/3/03
Residence 2802 W. Larchmont Lane, Peoria, Illinois 61615		Citizenship United States
Post Office Address 2802 W. Larchmont Lane, Peoria, Illinois 61615		
Full Name of Second Inventor Satish L. Kale	Inventor's Signature	Date
Residence 18 Horseshoe Lane, Lemont, Illinois 60439-9115		Citizenship United States
Post Office Address 18 Horseshoe Lane, Lemont, Illinois 60439-9115		

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **WORK IMPLEMENT CONTROL SYSTEM AND METHOD** the specification of which ☒ is attached and/or ☐ was filed on [Date] as United States Application Serial No. [Text] or PCT International Application No. [Text] and was amended on [Text] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States, listed below and have also identified below, any foreign application(s) for patent or inventor's certificate, or any PCT International application(s) having a filing date before that of the application(s) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119
[Text]	[Text]	[Date]	<input type="checkbox"/> YES <input type="checkbox"/> NO
[Text]	[Text]	[Date]	<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

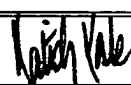
Application Number	Date of Filing
[Text]	[Date]

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national or PCT International filing date of this application:

Application Number	Date of Filing	Status (Patented, Pending, Abandoned)
[Text]	[Text]	[Text]

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., CUSTOMER NUMBER 22,852**, David W. Hill, Reg. No. 28,220; Christopher P. Isaac, Reg. No. 32,616; R. Bruce Bower, Reg. No. 37,099; Anthony M. Gutowski, Reg. No. 38,742; Timothy M. Hsieh, Reg. No. 42,672; Kurt A. Luther, Reg. No. 43,764; Kristen Osenga, Reg. No. 45,811; Erik R. Puknys, Reg. No. 40,132; Leonard Smith, Jr., Reg. No. 45,118; Jay A. Stelacone, Reg. No. 42,168; Jeanne M. Tanner, Reg. No. 45,156; and Douglas S. Weinstein, Reg. No. 43,249, all of Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. and **CATERPILLAR INC.**, J. Wesley Blumenshine, Reg. No. 32,399; Joseph W. Keen, Reg. No. 28,432; Dennis C. Skarvan, Reg. No. 35,360; and Kurt A. Luther, Reg. No. 43,764 all of Caterpillar Inc., 100 N.E. Adams Street, Peoria, IL 61629-6490. Please address all correspondence to **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.** 1300 I Street, N.W., Washington, D.C. 20005, Telephone No. (202) 408-4000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full Name of First Inventor Steven Conrad Budde	Inventor's Signature	Date
Residence 2802 W. Larchmont Lane, Peoria, Illinois 61615		Citizenship United States
Post Office Address 2802 W. Larchmont Lane, Peoria, Illinois 61615		
Full Name of Second Inventor Satish L. Kale	Inventor's Signature 	Date 2 SEPT. 2003
Residence 18 Horseshoe Lane, Lemont, Illinois 60439-9115		Citizenship United States
Post Office Address 18 Horseshoe Lane, Lemont, Illinois 60439-9115		

1. WITNESS NAME JAMES IVAN PORTXHELLER	WITNESS SIGNATURE <i>James Ivan Portxheller</i>	DATE 3 SEP 03
ADDRESS 896 GIMLET CREEK ROAD		CITIZENSHIP USA
SPARLAND, IL 61565		

2. WITNESS NAME ROBERT EARLE STONE	WITNESS SIGNATURE <i>Robert Earle Stone</i>	DATE 3 SEP 03
ADDRESS 1286 N HICKORY HILLS RD		CITIZENSHIP USA
METAMORA, IL		

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Satish L. Kale	ASSIGNOR'S SIGNATURE	DATE
ADDRESS- 18 Horseshoe Lane, Lemont, Illinois 60439-9115		CITIZENSHIP United States

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

WORK IMPLEMENT CONTROL SYSTEM AND METHOD

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on (Serial No.); and

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 N.E. Adams Street, Peoria, Illinois 61629-6490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional application Serial No. 60/422,093, filed October 30, 2002 (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Steven Conrad Budde	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 2802 W. Larchmont Lane, Peoria, Illinois 61615		CITIZENSHIP United States

Listing of Inventors Continued on Page 2 hereof ☒ Yes ☐ No

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Satish L. Kale	ASSIGNOR'S SIGNATURE <i>Satish Kale</i>	DATE 2 SEPT. 2003
ADDRESS- 18 Horseshoe Lane, Lemont, Illinois 60439-9115		CITIZENSHIP United States

1. WITNESS NAME <i>GLENN R. STALLINGS</i>	WITNESS SIGNATURE <i>Glenn R. Stallings</i>	DATE 9/2/03
ADDRESS <i>17 ASHWOOD CT. AURORA, IL 60506</i>		CITIZENSHIP <i>U.S.</i>

2. WITNESS NAME <i>JOHN H. SCHAPER</i>	WITNESS SIGNATURE <i>John H. Schaper</i>	DATE 9/2/03
ADDRESS <i>45 AMY DR OSWEGO, IL 60543</i>		CITIZENSHIP <i>U.S.A.</i>